HISTORICAL Site Number: 18BA28 Brief Description: Early 18 Site Location and Environmental Data Latitude 39.2760 Longitude -76.768 Elevation 116 m Site slope 0 Site setting	Other name(s) Benjamir 8th through early 19th century African . Maryland Archeological Research	n Banneker farmstead n-American farmstead ch Unit No. 14 SCS n Piedmont Term Maritime site	S soil & sediment code restrial site	Prehistoric Historic Unknown Underwater site
-Site Setting restricted -Lat/Long accurate to within 1 sq. mile, user may need to make slight adjustments in mapping to account for sites near state/county lines or streams	Floodplain High terrace Hilltop/bluff Rockshelter/ cave Interior flat Hillslope Upland flat Unknown Ridgetop Other Low terrace Low terrace	Private Federal State of MD Regional/county/city Unknown	Ocean Estuary/tidal river Tidewater/marsh	Freshwater Stream/river Swamp Lake or pond Spring ater is m
Paleoindian site Woodland site Archaic site MD Adena Early archaic Early woodland Mid. woodland Late archaic Late woodland Unknown prehistoric context	Contact period site	0 - 1900 Native 0 - 1930 Africal	n American Y Unl	an American known er
Prehistoric	Urban/Rural? Rural Other Domestic	initional Towns Towns Religion Churc Ch su Burial Ceme	effield France F	st-in-ground
Other context Interpretive Sampling Data: Prehistoric context samples Soil samples ta	Mining-related Trading Quarry-related Store Black/metalsmith Tavern Histori	g post	ed burial Unk or foundation Other ble Structure	er context

Flotation samples taken U

Other samples taken

Flotation samples taken

Other samples taken

MANILAND	hase III Archeological Database and I	nventory
HISTORICAL Site Number: 18BA282	Site Name: Banneker	Prehistoric
	Other name(s) Benjamin Banneker farmstead	Historic 🗸
Brief Early 18th th	rough early 19th century African-American farmstead	Unknown
TRIIST Description:		
1 1 0 5 1		
Diagnostic Artifact Data:	Prehistoric Sherd Types Shepard	Keyser
Projectile Point Types Koens-Crispin	Marcey Creek Popes Creek Townsend	Yeocomico
Clovis Perkiomen	Dames Qtr Coulbourn Minguannan	Monongahela
Hardaway-Dalton Susquehana	Selden Island Watson Sullivan Cove	Susquehannock
Palmer Vernon	Accokeek Mockley Shenks Ferry	
Kirk (notch) Piscataway 1	Wolfe Neck Clemson Island Moyaone	
Kirk (stem) Calvert	Vinette Page Potomac Cr	
Le Croy Selby Bay	ilonstone stanousine	Stoneware
Morrow Mntn Jacks Rf (notch)	Earthenware Astbury Jackfield 22 Tin Glazed 105	English Brown 127
Guilford Jacks Rf (pent)	Borderware Mn Mottled Whiteware 844	Eng Dry-bodie
Brewerton Madison/Potomac Madison/Potomac	Buckley North Devon Porcelain 56	Nottingham Rhenish 23
Otter Creek Levanna	Creamware 1837 Pearlware 868	Wt Salt-glazed 129
All quantities exact or estimated minimal counts		Wt Gait glazed 120
Other Artifact & Feature Types:	Prehistoric Features Lithic Material Fer quartzite	e Sil sandstone
Prehistoric Artifacts Other fired clay	Mound(s) Storage/trash pit Jasper Chalcedony	☐ European flint☐
Flaked stone 81 Human remain(s)	Midden	Basalt
Ground stone 3 Modified faunal	Shell midden	Unknown
Stone bowls Unmod faunal	Postholes/molds Unknown Quartz Steatite	Other
Fire-cracked rock Oyster shell	House pattern(s) Other Quartzite Sandstone	
Other lithics (all) 1 Floral material	Palisade(s) Dated features present at	site
Ceramics (all) 80 Uncommon Obj.	Hearth(s) Features 10 and 22 were inter	preted to be cellar
Rimsherds Other	Lithic reduc area noies that represented the ear occupation and the later Bann	
Historic Artifacts Tobacco related 766	Historic Features Privy/outhouse Depression/mound	Unknown
Pottery (all) 13812 Activity item(s) 448	Const feature Well/cistern Burial(s)	Other
Glass (all) 3803 Human remain(s)	Foundation -	Other
Architectural 5486 Faunal material	Cellar hole/cellar	
Furniture 13 Misc. kitchen 3483	Sheet midden	
Arms 177 Floral material	Planting feature Mill raceway	
Clothing 116 Misc. 12454	Postholes/molds Road/walkway Wheel pit	
Personal items 14 Other	Paling ditch/fence All quantities exact or esti	mated minimal counts
Radiocarbon Data:		
Nadiocal Boll Bata.		
	years BP Reliability Sample 3: +/-	years BP Reliability
		years BP Reliability years BP Reliability

Additional radiocarbon results available

MAKILAND	I and Phase III Ai	rcheological Database and In	ventory
HISTORICAL Site Number:	18BA282 Site Name:	Banneker	Prehistoric
	Other name(s)	Benjamin Banneker farmstead	Historic 🗸
Brief	Early 18th through early 19th cent	ury African-American farmstead	Unknown
TRUST Description:			
External Samples/Data:		Collection curated at MAC Lab	
Additional raw data may be available of	online		

Summary Description:

The Banneker Site (18BA282) is the location of an early 18th-early 19th century African-American farmstead. The archeological site is approximately 5.5 acres in size. It is situated in the woods, just west of a former clearing, near the town of Oella in Baltimore County. It is located in the Benjamin Banneker Homestead site (MIHP #BA-1141) within the boundaries of the B. Banneker Historical Park and between two other 19th century homesteads. Freshwater streams and stream-fed springs are located in the vicinity of the site and Cooper's Branch, a tributary of the Patapsco River, flows nearby. Soils in the site area are predominately Glenelg loam (3-15% slope). These are deep, well-drained soils suitable for farming. Numerous fruit trees are located in the immediate site area.

Intensive occupation of the site area really began in the mid-18th century when the Banneker family moved to the locale. Benjamin Banneker was born a free black in 1731 to Mary (a freed half black/half white slave) and Robert (a freed black slave) Banneky. Robert adopted his wife's surname upon their marriage and the name was eventually fixed as Banneker. Benjamin was taught to read and write and attended school for a short time. The Banneky's were tobacco farmers and by 1737 Robert had accumulated enough capital to purchase part of a tract of land in the Upper Patapsco Hundred known as "Stout". It is not known if the land was cleared, farmed, or settled prior to their occupation. Robert Banneky built a log cabin on the 100 acre tract and started his farm. When Robert died in 1759, Benjamin inherited the property. By the early 1770s, Benjamin had become a successful farmer. In addition to his tobacco crops, he reportedly kept a vegetable garden, had an assortment of fruit trees, and kept bees. He also had two horses and several cows. When the Ellicott brothers moved into the area in 1771 to start their flour mill, they made a deal with Banneker to supply the mill workmen with food and other provisions. When the Ellicotts established a store where local residences could purchase staples and manufactures goods, Benjamin and his then aged mother were among the first clients.

Benjamin Banneker became acquainted with George Ellicott who shared many of Banneker's interests including machinery, mathematics, and astronomy, and who lent Banneker books and equipment. By the age of 22 Benjamin had already built his first wooden striking clock. It has been postulated that Banneker stopped cultivating tobacco as a cash crop sometime before 1790 in order to devote more time to his scientific endeavors. As early as 1785, Banneker began selling parcels of his family land to relatives and neighbors. He sold 20 acres to his nephew in 1785 and 10 acres to his neighbor John Barton in 1792. Several smaller parcels totaling about 6 acres were also sold in the 1790s. In the late 1790s, he arranged to sell the remainder of his farm to the Ellicotts, with terms that provided him with an annuity of 12 pounds sterling per year or its equivalent in goods from the Ellicott's store, and life tenancy on the then 72 acre farm. In 1791, Banneker was commissioned by Maj. A. Ellicott to assist in calculating the astronomical projections necessary to survey the Federal Territory (Washington, DC). Banneker created a table of the positions of the heavenly bodies which he incorporated into an almanac published in 1792. He produced almanacs in succeeding years, with the last one published in 1797. Little is known about the last years of Banneker's life leading up to his death in 1806. Few of his possessions survive, the majority thought to have been destroyed in the fire that consumed his cabin on the day of his funeral.

Benjamin Banneker was buried in an unmarked grave in his family's cemetery. The cemetery was described as being located a few yards to the southeast of the house. A description of the house was provided in a volume of manuscripts compiled in 1836 by the daughter of Susanna Mason who had visited Banneker's home in 1796. Mason described Banneker sitting under a large pear tree next to the dwelling which was a very modest one-story log building surrounded by an orchard. When Mason's daughter tried to revisit the spot in 1836, she learned that the house had burned down and all that remained was the pear tree and orchard. A later account indicated that the cabin was one room with a loft, in the corner of which was hung Banneker's wooden striking clock. When Banneker's house site and grave site were visited in 1845, it was reported that the house was marked only by a shallow cavity, at the southeastern end of which stood a tall Poplar tree that was said have overshadowed the gable end of his house. The gravesite was situated a few meters to the southeast of the house site. Although Banneker's grave was located in 1845, no monument was ever erected at the site, and to this day the exact location of the cemetery is unknown. In the 1850s, George Ellicott began selling off tracts from the parcel. Portions of the 1792 Barton purchase and an adjacent 1851 purchase were ultimately combined into a large 42.8 acre parcel owned by J. William and Betty Lee Treuth. Mrs. Treuth sold the parcel to Baltimore County in 1985 with the stipulation that the property be utilized for outdoor recreation or open space purposes.

In 1972, the definitive biography of Benjamin Banneker was published. The author, like many others, tried to locate the grave and house site but was unsuccessful. In 1976, through exhaustive research, the boundaries of the Banneky/Banneker parcel were pieced together. The locations of a few parcels of land that Banneker sold from his 100-acre tract after 1785 were also identified. In 1979, a member of the Board of Trustees of the Maryland Historical Trust got a group of largely amateur archeologists interested in locating the Banneker home site. A survey was conducted that utilized the boundary markers established in 1976. During that survey, the most likely location for the site was determined to be on a ridge that paralleled Oella Avenue near its intersection with Old Frederick Road. A 2.4 m² (8 ft) test unit was excavated not far from what was probably a 19th century farm complex. Unfortunately, the search was abandoned in early 1980 for personal reasons. No record of the results of the test unit excavation was available.

In 1982, a group of individuals investigated three areas on the Banneker property, each thought to be the Banneker house site. The purpose of the survey was to locate the Banneker house site and to record other sites encountered on the property. Three 19th century sites were identified during the work: Sites 18BA241, 18BA242, and 18BA283. The 18th century Banneker house site was not located.

In 1983, a portion of the original Banneker property was put up for sale. The Baltimore County Department of Recreation and Parks (BCDRP) approved the purchase of the Treuth parcel for development into a commemorative park provided that Banneker home site could be located. Archeologists from the Maryland Historical Trust received a request from the County to locate and define the limits of the Benjamin Banneker house site known to be somewhere within the boundaries of his former parcel. An initial Phase I survey was conducted in the summer of 1983. Areas excluded from testing included low-lying soils adjacent to streams and drainages that may have been subject to periodic flooding. For purposes of field testing, the study area was divided into 4 zones (Survey Areas 1-4) based on natural topographic features. Survey Areas 1 and 2 (SA 1 and SA 2) were then subdivided into smaller survey areas (SA 1, SA 1 A, SA 2, SA 2A, SA 2B). This resulted in seven study areas. Field methods included minimal surface reconnaissance and the excavation of shovel test pits (STPs) at 15.24 m (50 ft) intervals. Additional 3.048 m (10 ft) interval testing was done in areas where high artifact densities were observed in order to define activity areas. Surface reconnaissance involved measuring and plotting surface scatters and collecting a representative sample of datable artifacts from those scatters. All excavated soils were screened through 0.635 cm (¼") mesh and all artifacts were recorded but only datable materials were retained.

Site 18BA282 was identified in SA 1 through the excavation of approximately 49 positive STPs. Results of the shovel testing indicated that the site contained at least two distinct concentrations of material dating from Banneker's occupation of the farm. The smaller cluster, interpreted to possibly be an outbuilding,

MARYLAND	Phase I	i and Phase III A	rcneologicai Database and in	ventory
HISTORICAL	Site Number:	18BA282 Site Name:	Banneker	Prehistoric
		Other name(s)	Benjamin Banneker farmstead	Historic 🗸
	Brief	Early 18th through early 19th cen	tury African-American farmstead	Unknown
трист	Description:			

was found on the east side of the site. It measured about 9.144 m (30 ft) in diameter. A small scatter of 18th-early 19th century artifacts was also recovered from the surface of a woods road situated just a few meters from the small cluster. The larger, more extensive scatter, postulated to be the location of the Banneker dwelling, was found approximately 45.72 m (150 ft) to the west of the smaller scatter. The concentration of artifacts encompassed an area of about 21.3x12.19 m (70x40 ft). Much of the area between the 2 scatters was in cultivation as recently as 1959; it was suggested that this field be cleared of vegetation and subjected to a more intensive Phase I study. Furthermore, more intensive Phase II investigations were recommended for the areas around the identified artifact scatters prior to any construction at the site.

A total of 92 historic artifacts were found in the course of the 1983 STP excavations. All artifacts were recorded in the field but none were retained. All of the artifacts were listed in the data table above. Only 10 architectural items were noted (1 piece of window glass and 9 wrought nails). A total of 74 kitchen-related artifacts were observed (6 bottle glass fragments and 68 ceramic sherds-1 Rhenish, 2 white salt-glazed stoneware, 2 English brown salt-glazed, 4 slipped earthenware, 6 creamware, 5 pearlware, 1 whiteware, 34 glazed and 10 unglazed redware, 3 cream-colored earthenware). The 8 tobacco-related items were 7 white clay pipe stem fragments and 1 bowl fragment. Diagnostic artifacts dated the assemblage to the 18th and 19th centuries. It was suggested by the excavator that some of the 19th century materials may have come from nearby site 18BA241.

During the 1983 archeological investigations, Site 18BA241 (the Treuth/Lee Farmstead) and Site 18BA283 (the Treuth Residence) were also located within the project area. As a result of the identification of the Banneker house site, BCDRP finally purchased the property in January 1985 for development of the Benjamin Banneker Historical Park. Site development plans included construction of a caretaker's residence and nearby maintenance area, a visitor's center and picnic and parking areas, and improvements to the Treuth Residence Site (18BA283). Other plans included the reconstruction of a home lot with associated dwellings, outbuildings, and fields, and the stabilization of the Treuth/Lee Farmstead ruins (18BA241).

Archeological investigations were required ahead of proposed development at the park, and were conducted at the site in 1985 and 1986. The object of the investigations was not to excavate the complete site but instead, the project was designed as a management tool to create a balance between the research efforts and long-term site preservation. The 1985 survey focused on the identification and preliminary study of the components of the Banneker farmstead. The study focused on: 1) identifying the archeological components of the Banneker homestead; 2) determining the spatial organization of the site through its archeological remains; 3) determining subsistence and dietary patterns from food remains and residues; and 4) developing an economic model of Banneker's lifestyle as compared with his contemporaries. The 1986 investigation expanded upon the data collected during the previous year's work to address more specific problem-oriented research issues including location choice, architectural style and construction, spatial organization, habits and changes in material consumption, and economic status. In 1985, shovel tests were dug on a 6.096 m (20 ft) grid pattern to define artifact concentrations and identify areas of cultural activity. A second phase of shovel testing at 3.048 m (10 ft) intervals was conducted in areas of high artifact density in order to more accurately delineate activity areas. In conjunction with the 1985 shovel testing, a remote sensing survey was conducted to detect possible locations of subsurface anomalies. In 1986, additional STPs were dug at 3.048 m intervals and soil samples were taken for chemical analysis to further refine the boundaries of activity areas. The 1985 and 1986 sampling strategy included the collection of a 500 to 800 milliliter soil sample from the plowzone of each STP. Select soil samples were later analyzed for phosphate, calcium, magnesium, potash, and relative Ph levels. A total of 552 systematically placed STPs were excavated in 1985 and 1986.

Based on the results of the shovel testing and chemical analyses, several 1.524 m² (5x5 ft) test units were excavated at the site (approximately 55). During excavations, several natural and cultural features were located. In 1985, selected small features were completely excavated. In 1986, a quadrant of all excavated features was left unexcavated for future investigations and reinterpretation. Soil samples from each level within an excavated feature were collected for soil, pollen, and flotation analyses to aid in determining the feature's nature and function. The remaining soils were water screened using 0.16 cm (1/16") mesh hardware cloth. Few of the cultural features identified during the 1985 and 1986 investigations were sampled.

During the archeological testing, the large and small artifact concentrations previously identified in 1983 were enclosed within a survey area measuring 91.44 x 121.92 m (300x400 ft) and designated as Area 1. The report on the 1985/86 testing suggested that a third artifact cluster had been previously identified to the west of the Area 1 which was designated as Area II in 1985. This may have referred to the small scatter of 18th-early 19th century artifacts that were reportedly recovered from the surface of a woods road situated just a few meters from the small cluster; no exact location was given. According to the 1983 report, no STPs were dug in the area identified as Area II in the 1985/86 report but it may have been subject to surface reconnaissance. A road was identified on the 1983 survey area map but it was located to the north of, not west of, the artifact concentrations. In any case, no significant artifact concentrations were identified in Area II in 1985 and no supplementary work was conducted there in 1986.

Some general site patterning was observed as a result of the shovel testing and soil analysis. Artifacts recovered from the northeast corner of the site that dated to the 19th and early 20th centuries were determined to be associated with the nearby Treuth/Lee Farmstead Site (18BA241). The northeast corner of the site corresponded to the location of a former agricultural field edge and a former Lee Farm outbuilding that had at one time been adjacent to the Banneker site. High levels of calcium and phosphate observed in this area were likely attributable to Lee Farm activities. Other artifacts recovered from the northeast corner of the site likely dated from the 18th century Banneker occupation. Architectural materials possibly relating to the Banneker occupation were found primarily in the western section of Area 1. This area also roughly corresponded with high levels of potash and magnesium. Domestic artifacts dating from the 18th century Banneker occupation were found in 2 general clusters in the southeastern and southwestern site area and in 1 cluster on the northwestern site area. More modern materials (20th century) were found mixed with 18th and 19th century artifacts in the southeastern section of Area 1. Modern trash deposits may have accounted for the high calcium and phosphate levels recorded in this area. The locations of artifact clusters and identified chemical concentrations were used to guide where test units would be placed. Remote sensing techniques were not useful for interpreting the locations of possible features at the site.

Based on artifact concentrations recognized during the shovel testing and results of the soil analyses, 4 activity areas were identified within Area 1, which were designated as Areas 1A, 1B, 1C, and 1D. Areas IA, IB, and ID formed a rectangular block on the west side of the site, with Area IA to the north and Area ID to the south. Area IC was located in the southeast quadrant of the site.

Area IA contained the highest concentration of 18th and early 19th century artifacts within the project area. Within the 15 test units dug in 1985, 6 natural and 10 cultural or possibly cultural features were identified. There were 20 possible posthole and/or post molds features. Feature 2, interpreted as a posthole with post mold, was excavated. The configuration of post mold Feature 119, which cut into the western end of Feature 2, and posthole and post mold features 121 and 120, along with Feature 2, suggested the location of a fence line. Feature 117, identified as an L-shaped ditch, formed a straight line with 2 postholes suggesting the location of either a fence or an earth-fast foundation support for an outbuilding. Artifact distributions around the house site suggested that a doorway existed along the eastern side of the structure's north wall. The recovery of window glass fragments supported the presence of at least one glazed

MARYLAND Phas	se ii and Phase	III Archeologicai Data	base and inventory
HISTORICAL Site Num	nber: 18BA282 Site I	Name: Banneker	Prehistoric
	Other	name(s) Benjamin Banneker farmstead	Historic 🗸
Brief	, , ,	19th century African-American farmstead	Unknown [

window opening. The relatively high numbers of artifacts found east and northeast of the house site indicated that a path may have connected the house to other activity areas on the farmstead.

Feature 10 (F10) was identified in Area IA by a 27.43 cm (0.9 ft) deep concentration of stone. The feature was interpreted to be a filled cellar hole, which may have served as a storage cellar, dating to the early years of the Banneker occupation. In plan view, it measured 2.29 x 1.92 m (7.5x6.3 ft). The north half of F10 was excavated, although large stones protruding from the south wall profile were recorded and removed. There was a small extension on the west side of the cellar that may have accommodated a ladder for access to the cellar from the floor above. In all, 26 separate natural and arbitrary layers, lenses, and levels were identified in the north half of the feature. Fill Layers 23, 24, and 25 resulted from the gradual buildup of material while the cellar was being utilized. Artifacts recovered from occupation layer 23 indicated that those deposits occurred sometime during the early part of the third quarter of the 18th century. Based on the types of artifacts recovered from Layer 22, which resulted from intentional fill of the cellar after abandonment, it was postulated that the cellar was abandoned sometime around the middle or third quarter of the 18th century. Layers 5 through 21 represented a combination of filling and natural wash lenses. Although diagnostic material was limited from those layers, a date in the third quarter of the 18th century was suggested for the deposits. The top layers (Layers 1-4) represented the major filling episode of the cellar. It appeared that after the abandonment and dismantling of the structure, the stone foundation supports were pushed into the open cellar hole. These layers contained 2 ceramic sherds dated to the last half of the 18th century, the date when the cellar was filled.

A band of burned subsoil encountered at the eastern edge of Feature 10 was tentatively identified as the remnants of a hearth. The hearth feature was formed from the oxidation of the natural soil caused by prolonged, intense burning. The presence of small pieces of fire-reddened earth from the fill of Feature 10 indicated that portions of the hearth eroded into the cellar. Dimensions of the hearth feature were determined to be 1.524 m wide and 0.457 m deep (5x1.5 ft). Fragments of burnt clay or daub found around the hearth suggested that a mud and stick or wattle and daub chimney was once located on the exterior gable end of the house. Several burnt stones were also recovered from the cellar fill which further suggested that the chimney may have had a stone fire box. Exterior to what was hypothesized to have been the east gable wall, remains of a mud and stick chimney, or the remains of scaffolding used to construct the chimney, were identified. Also, a posthole and mold feature located in line with the center of the east wall was possible evidence for the presence of a post used to support the chimney stack. Historical accounts indicated that mud and stick chimneys often had supports because they were angled away from the house in case of fire. If a chimney fire happened, then the chimney could be toppled away from the house by removing the post.

In 1986, 21 contiguous test units were excavated around Feature 10 yielding 49 natural and cultural features. Stone foundation piers or pilings associated with the north wall of F10 were uncovered. Five posthole/mold features were encountered adjacent to the cellar hole along its north and west sides. It was postulated that they represented the remains of small posts used to shore up the structure's floor joists. Two of the features, placed 60.96 cm apart, may have also been support posts for a trap door into the cellar. Several other features, primarily postholes, were noted around F10 but none could be associated with structural wall supports.

In 1985, flotation samples taken from Feature 10 cellar fill were submitted for analysis. Of the seeds recovered from Levels 1-7, 41 were grape, 3 were pokeweed, 1 was identified as chenopodium (known as lamb's quarter or goosefoot), and 1 was a milkweed seed. Only 1 charred seed, possibly a walnut, was recovered. Chenopodium is a green available in the early spring, but as the plant matures in the late summer it produces thousands of tiny black seeds that can be eaten as is or added to flour for baking. Various parts of the milkweed plant provide food from early spring through late summer. Poke berries could be used for dye and medicine. Only the grape seeds, chenopodium, and walnut were likely to have been found in a storage context; however, there is no evidence that Banneker actually did store these items and they may have entered the archeological context without his knowledge or intent. The plants would have grown unattended and did not require any specialized tools for procurement and processing. In 1986, 46 flotation samples were processed with 27 samples deriving from Feature 10, Levels 8-26. A total of 243 seeds were found in the samples. Of those, 105 were maple seeds and 22 were raspberry seeds determined to be modern in origin and thus eliminated from further study. Two seeds were unidentified. Of the analyzed seeds, there were 78 grape seeds, 17 chenopodium seeds, 4 pokeweed seeds, 12 purslane, and 1 each of milkweed, oxalis, and bean (either Phaseolus spp or Strophostyles spp). The purslane and oxalis are both edible herbaceous plants. The samples collected from all levels of Feature 10 were representative of useful, locally available, and historically documented food plants that would have been a part of the Banneker farm landscape. However, there is no direct evidence that the plants were actually used by him.

In Area IB, test units excavated in 1985 revealed a large subsurface feature (Feature 22) that extended across 3 test units. This feature was interpreted to be a second filled cellar hole, which represented a later structure than the one identified by Feature 10. A total of 16 test units were excavated over and around Feature 22 (F22) to expose its horizontal extent and to test the areas to the north and east of F22. In 1986, the block excavation to expose F22 included the excavation of an additional 8 units. Only the top 30.48 cm of the fill was excavated from a portion of the feature. The fill contained a large amount of stone rubble and domestic and architectural materials. Remains of a stone foundation were encountered in the south/southwest section of the feature. The foundation was composed of a linear arrangement of undressed field stones that comprised a wall measuring 0.609 m (2 ft) wide. The southeastern corner of the foundation was found but the east wall appeared to have collapsed. Units excavated adjacent to the south side of the stone foundation revealed a narrow extension of F22. It was postulated as being associated with the construction phase of the structure or possibly associated with a shed addition to the house. Due to time constraints, deep and extensive excavation of the cellar was not possible. A total of 270 probes were placed across the feature on a 0.304 m grid pattern in order to identify the extent of the foundation. The stone foundation was determined to be a rectangle that measured 4.876 m (16 ft) north-south by 4.267 m (14 ft) east-west. Along the exterior of the north wall, a solid stone foundation measuring 2.13 x 1.524 m (7x5 ft) was interpreted as an exterior chimney base situated along a gable wall. The types and dates of the diagnostic artifacts recovered, some of which were melted or burned, provided the basis for postulating that Feature 22 represented a house site that burned in the early 19th century, such as the Banneker house.

Two segments of a linear grouping of stones (possibly remnants of a single wall) were found in the northeast section of F22; however, the association with F22 was unclear.

Several features were located in the area outside of the cellar and the stone foundation. These were primarily determined to be postholes or rodent burrows. Posthole Feature 94 located about 4 m east of the structure, and posthole Feature 157 located about 1.8 m to the southwest of the structure may have been related to former fence lines.

In 1985, 2 flotation samples from Feature 22 were analyzed. Only 1 grape seed, 1 pokeweed seed, and 1 modern maple seed were recovered. In 1986, a further 7 flotation samples were submitted for analysis. From that collection, 35 modern maple seeds and 162 modern raspberry seeds were eliminated from further analysis. Of the remaining specimens, there were 37 grape seeds, 41 pokeweed seeds, 1 chenopodium seed, 1 cherry pit, 1 violet seed, and 1 possible hackberry seed. It was suggested that the cherry seed was significant because Banneker was known to have planted an orchard before his death.

MARYLAND	Phase I	I and Phase III A	Archeological Database and In	ventory
HISTORICAL	Site Number:	18BA282 Site Name	Banneker	Prehistoric
		Other name(s) Benjamin Banneker farmstead	Historic 🗸
	Brief	Early 18th through early 19th c	entury African-American farmstead	Unknown
TPIIGT	Description:	1		

Results of the excavations in Area IB indicated that Feature 22 represented the site of the Benjamin Banneker house. Artifacts found in the upper layers dated occupation of the structure to the last half of the 18th century and into the early 19th century. The condition of the assemblage further supported accounts that the dwelling was destroyed by fire. Construction details related in historical accounts were also supported by the archeological evidence; the dwelling was apparently a one-room log structure. Artifact distribution showed that the majority of domestic activities tool place on the east side of the structure, and indicated that the entryway to the house may have been located along the east wall. Quantities of recovered melted glass indicated the presence of glazed windows and it was suggested that the nails recovered during the excavations were used for securing the roofing and flooring.

Area ID was located north of several extant farm buildings associated with the Treuth/Lee Farmstead (18BA241). Three units excavated in the western portion of the area encountered 5 features, all tentatively identified as natural. None were excavated. Three small 20th century trash deposits were also noted, which were associated with the Lee Farm. There was also evidence of secondary soil deposition resulting from downslope erosion and run-off from agricultural cultivation. Excavations in Area ID failed to disclose significant evidence of activity related to the Banneker occupation.

The excavation of units in Area IC revealed artifacts dated from the period of the Banneker occupation as well as concentrations of 19th and 20th century debris. In 1985, several features were identified in the test units but due to time constraints none were sampled. Three small evenly spaced features that formed a semi-circle were found in a unit on the east side of the area. Six more features were located in an adjacent unit but no determination was made as to the function of this group of features. In 1986, the excavation of additional test units located 6 cultural features, 2 of which were excavated. Probing in the area of Feature 105 revealed the corner of a possible stone foundation. The artifact assemblage contained several items that post-dated the Banneker occupation and so it was determined that the feature related to the Lee Farmstead (18BA241). Another feature identified was a wheel rut, located in the road that led to the site. Other features encountered in Area IC were a posthole and mold, possibly representing the location of fence post, a pit, and a large, irregularly shaped pit of unknown function that contained charcoal flecks and pieces of oxidized or burnt clay. Although the presence of 18th and early 19th century artifacts suggested substantial cultural activity in Area IC, the function of the activity could not be determined. It is possible that the activity centered on one or more farm-related outbuildings.

A total of 38,842 historic artifacts were reported in the artifact inventory as having been recovered during the 1985 and 1986 archeological investigations at the Benjamin Banneker Site. Over 17, 500 of those artifacts dated from the Banneker period of occupation, the 18th and early 19th centuries, although artifacts associated with the property's 19th and 20th century occupations were also found. Only the artifacts related to the period of Banneker's occupation were subjected to detailed analysis in the body of the report; however, all artifacts listed in the inventory were counted and given in the table above.

Activity items (n=448) found at the site included 9 slate pencil fragments (4 were recovered from Feature 22) and 9 possible slate writing tablet fragments, a ground glass lens that would have been in a telescope or other optical instrument, 1 grubbing hoe of a type found at 17th and 18th century sites in the Chesapeake region, 6 glass pipettes, 2 test tube fragments, 1 rivet for a tool handle, 1 stone marble, 3 porcelain doll parts, 23 plastic toy fragments, 1 carriage lamp fragment, 107 light bulb parts including glass, 90 miscellaneous wire fragments, 3 lead weights, 122 pieces of barbed wire, 1 metal support for wire, 20 pieces of chain link fencing, 2 terra cotta flower pot sherds, 32 staples, 1 steel cable clamp, 2 battery parts, and 1 iron hollow box. Other activity-related artifacts included 11 stable items such as 1 oxen shoe, 1 horse shoe fragment, 4 harness ornaments, 3 harness buckle fragments, and 2 possible harness strap glides.

A total of 5,476 architectural items were recorded. There were 462 brick fragments, 509 pieces of daub or possible daub, and 17 fragments of mortar or rough plaster. Only small fragments of brick were found at the site and were probably locally produced. The daub may have been used for coating or lining wooden chimneys or in securing stone or wood chinking between log walls. Five fragments of the daub were thought to possibly be deteriorated prehistoric ceramic sherds and another fragment had visible fabric impressions and grit temper. The mortar/plaster was composed of fine sand mixed with crushed, burnt oyster shell. There were 3,671 nails (2,252 hand wrought, 16 cut, 15 wire, and 1,389 unidentifiable). The wrought and cut nails were recovered primarily from the plowzone. Feature 10 fill yielded 45 more wrought nails and Feature 22 yielded 231 wrought nails. The majority (99%) of the wrought nails derived from contexts in Areas IA and IB. Most wrought nails were of the rose head variety but a few were L-head nails. The majority of the cut nails were recovered from Area IC, near the 19th century Lee Farmstead. A total of 674 fragments of early window glass were recovered from the site. Of those, 3 window glass shards were recovered from Feature 10 fill but 355 window glass shards (123 that were melted) were found in Feature 22 fill. In addition, 75 shards of modern window glass were recorded as were 22 pieces of other flat glass, likely to have been window glass fragments. Other architectural items included 5 insulators and fuses, 7 iron spikes, 4 nuts/bolts, 1 screw, 4 asbestos tile fragments, 2 pieces of chinking, 2 electrical wire lengths, 1 brass hinge, 1 door hook or latch, 1 iron hook and 1 iron door handle, 1 pintle, 1 wrought hook, 1 tack, 3 pieces of tin sheeting, 2 modern pipe pieces, and 8 miscellaneous modern hardware fragments.

Several artifacts from the clothing group (n=116) were recovered. A variety of 54 metal buttons were found in plowzone and feature contexts including many that fell in the date range of ca. 1726-1776 and a few that were datable to ca. 1800-1865. In addition to the metal buttons, 2 rubber buttons, 1 porcelain button, 4 bone buttons, 2 glass buttons, and 4 unidentified buttons represented a post-Banneker occupation. Other clothing items included 9 buckle shoe fragments and 6 other iron and brass buckle fragments, 2 late 18th century thimbles, 25 whole and broken straight pins, 4 small glass beads that may have adorned clothing, 1 shoe heel with rivets, 1 possible sewing machine part, and 1 possible broken needle. The 13 furniture artifacts consisted of 1 brass handle, 1 drawer pull, 8 table lamp globe shards, and 3 modern table lamp glass pieces.

A total of 19,386 kitchen-related artifacts were collected from the site. There were 1,592 bottle and container glass fragments dated to the 18th, 19th, and early 20th centuries and 89 modern bottle glass pieces (mid-late 20th century). All the fragments of a wine bottle dated to the 3rd quarter of the 18th century were recovered from Feature 10. There were 414 table glass fragments and 64 pieces of milk glass vessels. A total of 13,744 ceramic sherds were recovered from the site. The majority of the ceramics were found in plowzone contexts and as such, the assemblage consisted of small sherds. A minimum vessel estimate (mve) was calculated for ceramics types dated to the Banneker occupation. There were 9,090 red earthenwares, (21 slip decorated, 19 clear lead-glazed, 55 dark lead glazed mve), 125 British brown stoneware (15 mve), 48 domestic brown and gray stoneware (4 mve), 31 Rhenish Blue and Gray stoneware (7 mve), 117 white salt-glazed stoneware (23 mve), 10 Scratch Blue white salt-glazed stoneware (5 mve), 105 tin-glazed earthenware (9 mve), 47 porcelain, 9 Import porcelain (2 mve), 27 buff-bodied earthenware (3 mve), 76 "Clouded" cream colored earthenware (3 mve), 6 green-glazed cream colored earthenware (1 mve), 99 cream colored earthenware, 1,831 creamware (39 mve), 863 pearlware (45 mve), 843 whiteware, 173 refined white earthenware, 46 red-bodied stoneware, 22 Jackfield, 6 Westerwald, 19 yellowware, 10 Agate ware, 1 Astbury, 6 ironstone, and 134 unidentified ceramic sherds, several of which were burnt. One of the red earthenware samples was light red with no glaze but it did have incised decoration; possibly this was a prehistoric period sherd. An analysis of the ceramic vessel types from the site indicated that the Banneker family consumed a great amount of lower status soups and stews; however, when Banneker alone lived at the farm, he consumed an increased proportion of higher status meat cuts. A statistical analysis of ceramic types

MARYLAND	Phase I	I and P	nase III AI	rcneological Database	and inventory
HISTORICAL	Site Number:	18BA282	Site Name:	Banneker	Prehistoric
		-	Other name(s)	Benjamin Banneker farmstead	Historic 🗸
	Brief	Early 18th thro	ough early 19th cent	tury African-American farmstead	Unknown _
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indicated that prior to the arrival of the Ellicotts in 1771 Banneker obtained and utilized a wide and varied range of ceramic types but that after 1771, his purchasing pattern reflected a more narrowed choice of ceramic types, in particular English refined wares. This presumably reflected a change in his status from low-to-middle class prior to 1771, to middle class after 1771. Banneker also appeared to have used 5.2 times more ceramic vessels in the last 31 years of his life than he and his family used in the preceding 38 years. It should be born in mind, though, that only a small number of the features located at the site were excavated so the analysis was not based on a complete set of data, and the data also did not consider the potential for use of functional substitutes such as wood and pewter.

Miscellaneous kitchen artifacts (n=3,483) included 8 pieces of cutlery, 1 iron fireplace pot hook, 10 lid liner fragments (3 milk glass, 4 porcelain, 3 glass), 11 metal jar lid fragments, 1 rubber jar seal, 62 crown caps and 9 modern bottle caps, 7 cast iron pot fragments, 1 enameled pot fragment, 1 bottle opener, 1 can key, 1 crushed aluminum pan, 806 various seeds, 17 peach pits, and 2,547 faunal remains (1,920 animal bones, 96 teeth, 465 oyster shells, 33 clam shells, 20 fish scales, 2 snail shells, and 11 egg shells). A total of 1,821 bones were analyzed, 407 from 1985 plowzone contexts, 329 from other contexts dug in 1985, and 1,086 from feature contexts excavated in 1986. Faunal remains recovered from the 1986 plowzone contexts were not analyzed because they were associated with the Lee Farmstead trash deposits. Domestic and wild species were identified in the faunal assemblage. The occupation layers from Feature 10 (dated prior to 1760) primarily contained chicken bones, with a number of large size egg shells, over 100 unidentifiable large mammal bones, as well as wild species (grouse, turkey, squirrel, white and yellow perch, and oyster shells). The upper fill layers from Feature 10 (dated prior to the 1780s) contained primarily cow bones with some pig and sheep, as well as wild species (1 yellow perch bone and oyster shells). The faunal remains from Feature 22 were subject to weathering, incineration, and fracturing, therefore, the majority of specimens could only be identified as large mammal remains such as cow or pig. The cuts of meat represented by the large mammal elements were from lesser quality portions such as the rump or shank, picnic shoulders and hams, and fore leg and hind leg portions. Sheep/goat and chicken, along with wild species (white and yellow perch, box turtle, gar, and oyster shells) were also present in the Feature 22 assemblage. The considerably lower number of wild species in the Feature 22 assemblage (n=38) when compared with the Feature 10 assemblage (n=139) indicated a grea

Miscellaneous items (n=12,454) collected from the site included 866 unidentifiable glass fragments. The majority of those glass items were identified only as curved body shards and may have represented either bottle or table glass; the remaining glass was either small chips or melted. Miscellaneous metal items consisted of 14 brass, pewter and copper fragments, 2,400 iron fragments, 264 pieces of flat iron, and 136 unidentifiable metal objects. Coal and coal-related materials included 4,401 pieces of coal, 933 pieces of charcoal, 547 fragments of coal slag/cinder, and 2,257 pieces of clinker. There were also 19 pieces of slate, 2 pieces of burned wood and fibers, 211 fragments of limestone and 266 chunks of lime, 71 rocks, 3 soil samples, 24 pieces of plastic and rubber, 6 pieces of aluminum foil and 3 pieces of plastic wrap, 1 piece of pumice, 1 chunk of sulfur, 5 fragments of tar, 19 modern metal fragments, and 2 unidentified miscellaneous objects.

The 14 personal items included the blade from a straight razor, a jaw harp, 1 tin case lid, a thermometer fragment, 1 key, 1 Ponds milk glass jar, an 1850 Liberty Head cent, 1 unidentifiable copper coin, a 1982 penny, and 5 coins that could be dated to the 18th century and Banneker's occupation (a 1779 Spanish real, a George III half penny (ca. 1770-1775), a 1787 Connecticut cent, a Liberty Cap cent (ca. 1793-1796), and a 1789 Draped Bust Liberty Head cent).

A total of 758 white clay pipe fragments were recovered from the site. Of those, 376 were bowl fragments, 1 was a complete bowl, and 381 were stem fragments (See MHT #BA 48 for a detailed analysis of 173 pipe stem fragments). Only 1 of the stem fragments was decorated. It exhibited a band of parallel lines of raised dots and rouletting of a style common in the 18th century. Seven of the bowl fragments were decorated but only 1 had an identifiable decorative motif. That fragment, which was recovered from Feature 10, exhibited a rampant unicorn and a vertical stylized foliate band that represented the royal arms of Hanover. Pipes with these types of decoration were exported to the colonies in quantity during the 18th century but the Hanover coat of arms was found as decoration on pipes into the 19th century. The mean date for the pipes was determined to be 1755.97 which is within 19 years of the settlement of the farmstead and nearly 50 years before Banneker's death. Although he was no longer growing tobacco in the late 18th century, a surviving store account indicated that he did purchase tobacco as late as 1803. It was suggested that the relatively early mean date may reflect a larger population of smokers at the site during the early decades of settlement that during Banneker's sole occupation after 1775.

A total of 177 arms-related artifacts were retrieved from the site. Gun flints and lead shot were the main types of arms-related artifacts found. There were 83 gun flints and flint flakes, represented by gray flints that may have come from England and honey colored flint that may have been French in origin. A total of 73 pieces of lead shot were retrieved, consisting primarily of small pellets ranging in diameter from 9-15 millimeters. Feature 22 yielded 56 of the specimens and Feature 10 yielded 12 specimens. In addition to the lead shot, several fragments of lead (recorded as 10 arms items) were recovered along with a lead sheet, which appeared to have had pieces cut from it suggesting that the production of lead shot took place at the site. One report indicated an increase in the purchase of arms for the year 1802. Apparently, that period coincided with threats on Banneker's life due to the perceived notion that he was a wealthy man as a result of his almanac sales. Also found at the site were 2 lead musket balls, 1 center fire cartridge, 6 shotgun shells, and a .22 caliber bullet.

In addition to the historic artifacts, 165 prehistoric objects were collected during the 1985/6 excavations. This included 69 pieces of debitage consisting of 11 various colored flints, 1 chert, 2 chalcedony, 3 rhyolite, 5 steatite and steatite-like, 7 quartzite, and 40 quartz flakes and chunks. Eleven tools were also reported including 1 quartzite biface, 1 large quartz scraper, 2 modified quartz flakes, 3 quartzite and 1 quartz utilized flakes, 1 triangular quartz point, 2 unidentified points, and 1 Late Archaic/Early Woodland Piscataway point. A total of 80 ceramic sherds or possible sherds were also identified. Eight of those were recognized as having sand-temper unfortunately none were identified as a specific type of ware. A single soapstone fragment was recovered; it was recorded as an 'other lithic' in the table above because it was unclear if this was presumed to be part of a bowl. The 3 groundstone items found included 2 possible steatite gorget fragments, both with drilled holes, and an unidentified incised groundstone fragment. The prehistoric artifacts were listed only in the artifact inventory and not discussed in the body of the report. As such, no interpretation regarding the significance of this component was addressed. In the future, archeological work conducted at or near the site should take into account the presence of this material and evaluate its potential significance. The occurrence of large numbers of ceramic sherds, tools, and soapstone and gorget fragments, in association of the proximity of the site to water (less that 1 km from the Patapsco River and several natural springs) may indicate a substantial prehistoric occupation in the area.

The Banneker Site (18BA282) is the location of an early 18th-early 19th century African-American farmstead. The site represents the locus of activity associated with the Banneker occupation of the original larger farmstead. The site consists of the remains of two buildings located about 15 meters apart. The Feature 10 cellar hole likely represented an earlier structure that was abandoned when the more substantial second dwelling, represented by the Feature 22 cellar hole, was built (ca. 1780s). In addition to the 2 filled cellar holes, a variety of other features were identified including numerous postholes and molds that may have been associated with fence lines that defined activity areas, and several unidentified anomalies. Despite the extent of archeological excavations at the site and the information gained therein, details about the layout and organization of the Banneker farmstead remain largely unknown. For example, testing

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HISTORICAL Sit	e Number:	18BA282	Site Name:	Banneker	Prehistoric
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Br		Early 18th throu	ugh early 19th cent	ury African-American farmstead	Unknown
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was insufficient to ascertain fence alignments within the complex. It was suggested that additional data recovery would aid in the interpretation of different activity areas and their varying functions and with the interpretation of how the Bannekers structured their immediate environment to meet their needs. The site was determined eligible for listing on the National Register of Historic Places under Criteria B and D. Further archeological, but minimally invasive, work was recommended for the site in order to identify the Banneker family cemetery and to broaden the understanding of the man, his family, and his farmstead.

External Reference Codes (Library ID Numbers):

00007683, 00005431, 97001211